

0240 3/86

TEAM 4

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/805,813

DATE: 04/10/97  
TIME: 12:06:35

INPUT SET: S16889.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Mitsuahara, Ichiro  
Ohshima, Masahiro  
Ohashi, Yuko

(ii) TITLE OF INVENTION: Pathogen-Resistant Plants and Method for  
Production Thereof

(iii) NUMBER OF SEQUENCES: 19

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Townsend and Townsend and Crew LLP  
(B) STREET: Two Embarcadero Center, Eighth Floor  
(C) CITY: San Francisco  
(D) STATE: California  
(E) COUNTRY: USA  
(F) ZIP: 94111-3834

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US Not yet assigned  
(B) FILING DATE: Not yet assigned  
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP 8-068809  
(B) FILING DATE: 25-MAR-1996

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP 8-187763  
(B) FILING DATE: 17-JUL-1996

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Bastian, Kevin L.  
(B) REGISTRATION NUMBER: 34,774  
(C) REFERENCE/DOCKET NUMBER: 85760-000000

(ix) TELECOMMUNICATION INFORMATION:

RECEIVED  
APR 24 1997  
GROUP 1800

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APR 24 1997  
GROUP 1800

47 (A) TELEPHONE: (415) 576-0200  
48 (B) TELEFAX: (415) 576-0300  
49  
50

51 (2) INFORMATION FOR SEQ ID NO:1:  
52

53 (i) SEQUENCE CHARACTERISTICS:  
54 (A) LENGTH: 32 base pairs  
55 (B) TYPE: nucleic acid  
56 (C) STRANDEDNESS: single  
57 (D) TOPOLOGY: linear  
58

59 (ii) MOLECULE TYPE: DNA  
6061 (ix) FEATURE:  
62

63 (A) NAME/KEY: -  
64 (B) LOCATION: 1..32  
65 (D) OTHER INFORMATION: /note= "PR-1a51 primer"  
66  
67

68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
6970 AGTAGAATTC TTAAACACC CTCGAGGATT TC  
71

32

72  
73 (2) INFORMATION FOR SEQ ID NO:2:  
74

75 (i) SEQUENCE CHARACTERISTICS:  
76 (A) LENGTH: 23 base pairs  
77 (B) TYPE: nucleic acid  
78 (C) STRANDEDNESS: single  
79 (D) TOPOLOGY: linear  
80

81 (ii) MOLECULE TYPE: DNA  
8283 (ix) FEATURE:  
84

85 (A) NAME/KEY: -  
86 (B) LOCATION: 1..23  
87 (D) OTHER INFORMATION: /note= "SPR-1a31 primer"  
88  
89

90 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
9192 GGGCTCTGCA GGAGTGGGAT ATT  
93

23

94  
95 (2) INFORMATION FOR SEQ ID NO:3:  
96

97 (i) SEQUENCE CHARACTERISTICS:  
98 (A) LENGTH: 43 base pairs  
99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single  
101 (D) TOPOLOGY: linear  
102  
103 (ii) MOLECULE TYPE: DNA  
104  
105  
106 (ix) FEATURE:  
107 (A) NAME/KEY: -  
108 (B) LOCATION: 1..43  
109 (D) OTHER INFORMATION: /note= "TPR-1a51 primer"  
110  
111  
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
113  
114 ACAGCACGTG GTTAATTGAG CTCGAAACGA CCTACGTCCA TTC 43  
115  
116  
117 (2) INFORMATION FOR SEQ ID NO:4:  
118  
119 (i) SEQUENCE CHARACTERISTICS:  
120 (A) LENGTH: 21 base pairs  
121 (B) TYPE: nucleic acid  
122 (C) STRANDEDNESS: single  
123 (D) TOPOLOGY: linear  
124  
125 (ii) MOLECULE TYPE: DNA  
126  
127  
128 (ix) FEATURE:  
129 (A) NAME/KEY: -  
130 (B) LOCATION: 1..21  
131 (D) OTHER INFORMATION: /note= "BKSBE primer"  
132  
133  
134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
135  
136 TCCCCCGGGC TGCAGGAATT C 21  
137  
138  
139 (2) INFORMATION FOR SEQ ID NO:5:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 72 base pairs  
143 (B) TYPE: nucleic acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: DNA  
148  
149  
150 (ix) FEATURE:  
151 (A) NAME/KEY: -  
152 (B) LOCATION: 1..72

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153 (D) OTHER INFORMATION: /note= "HMPR-1a51 primer"  
154  
155  
156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
157  
158 TACACACGTG GTCCCACACC TACACCCCCC ACCCCACCCG GTGGTGGGCA AAATTCTCAA 60  
159  
160 CAAGACTATT TG 72  
161  
162  
163 (2) INFORMATION FOR SEQ ID NO:6:  
164  
165 (i) SEQUENCE CHARACTERISTICS:  
166 (A) LENGTH: 30 base pairs  
167 (B) TYPE: nucleic acid  
168 (C) STRANDEDNESS: single  
169 (D) TOPOLOGY: linear  
170  
171 (ii) MOLECULE TYPE: DNA  
172  
173  
174 (ix) FEATURE:  
175 (A) NAME/KEY: -  
176 (B) LOCATION: 1..30  
177 (D) OTHER INFORMATION: /note= "MPR-1a31 primer"  
178  
179  
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
181  
182 TATCGAGCTC AATTAGTATG GACTTTCGCC 30  
183  
184  
185 (2) INFORMATION FOR SEQ ID NO:7:  
186  
187 (i) SEQUENCE CHARACTERISTICS:  
188 (A) LENGTH: 36 base pairs  
189 (B) TYPE: nucleic acid  
190 (C) STRANDEDNESS: single  
191 (D) TOPOLOGY: linear  
192  
193 (ii) MOLECULE TYPE: DNA  
194  
195  
196 (ix) FEATURE:  
197 (A) NAME/KEY: -  
198 (B) LOCATION: 1..36  
199 (D) OTHER INFORMATION: /note= "MSARCO51 primer"  
200  
201  
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
203  
204 CACTCCTGCA GAGCCGGTTG GTTGAAAAAG ATTGGC 36  
205

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206

207 (2) INFORMATION FOR SEQ ID NO:8:

208

209 (i) SEQUENCE CHARACTERISTICS:

210 (A) LENGTH: 33 base pairs

211 (B) TYPE: nucleic acid

212 (C) STRANDEDNESS: single

213 (D) TOPOLOGY: linear

214

215 (ii) MOLECULE TYPE: DNA

216

217

218 (ix) FEATURE:

219 (A) NAME/KEY: -

220 (B) LOCATION: 1..33

221 (D) OTHER INFORMATION: /note= "MSARCO31 primer"

222

223

224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

225

226 TTTCGAGCTC AATTAACCAC GTGCTGTAGC AGC

33

227

228

229 (2) INFORMATION FOR SEQ ID NO:9:

230

231 (i) SEQUENCE CHARACTERISTICS:

232 (A) LENGTH: 508 base pairs

233 (B) TYPE: nucleic acid

234 (C) STRANDEDNESS: single

235 (D) TOPOLOGY: linear

236

237 (ii) MOLECULE TYPE: DNA (genomic)

238

239

240 (ix) FEATURE:

241 (A) NAME/KEY: -

242 (B) LOCATION: 1..508

243 (D) OTHER INFORMATION: /note= "tobacco PR-1a terminator"

244

245

246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

247

248 TTGAAACGAC CTACGTCCAT TTCACGTAA TATGTATGGA TTGTTCTGCT TGATATCAAG 60

249

250 AACTTAAATA ATTGCTCTAA AAAGCAACTT AAAGTCAAGT ATATAGTAAT AGTACTATAT 120

251

252 TTGTAATCCT CTGAAGTGGA TCTATAAAAA GACCAAGTGG TCATAATTAA GGGGAAAAAT 180

253

254 ATGAGTTGAT GATCAGCTTG ATGTATGATC TGATATTATT ATGAACAGCG TTTTGTACTC 240

255

256 ATACGAATCA TGTGTTGATG GTCTAGCTAC TTGCGATATT ACGAGCAAAA TTCTTAACTA 300

257

258 CATGCCTTAG GAACAAGCTT ACACAGTTCA TATAATCTAC TAGAGGGCCA AAAACATGAA 360

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/805,813**

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TIME: 12:06:53

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Line	Error	Original Text
29	Wrong application Serial Number	(A) APPLICATION NUMBER: US Not yet assigned